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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Complete if Known

Application Number	10/821,690
Filing Date	04-09-2004
First Named Inventor	Kurganov
Art Unit	TBA
Examiner Name	TBA
Attorney Docket Number	47242-00027USC1

Sheet 17 of 13

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number*Kind Code ² (if known)			
DM		US- 5,812,796	09-22-1998	Broedner	
DM		US- 5,819,306	10-06-1998	Goldman	
DM		US- 5,822,727	10-13-1998	Garberg	
DM		US- 5,832,063	11-03-1998	Vysotsky	
DM		US- 5,835,570	11-10-1998	Wattenbarger	
DM		US- 5,867,494	02-02-1999	Krishnaswamy	
DM		US- 5,867,495	02-02-1999	Elliott	
DM		US- 5,873,080	02-16-2000	Coden	
DM		US- 5,881,134	03-01-1999	Foster	
DM		US- 5,884,262	03-16-1999	Wise	
DM		US- 5,890,123	03-30-1999	Brown	
DM		US- 5,915,001	06-22-1999	Uppaluru	
DM		US- 5,974,413	10-26-1999	Beauregard	
DM		US- 5,999,525	12-07-1999	Krishnaswamy	
DM		US- 6,012,088	01-04-2000	Li	
DM		US- 6,014,437	01-11-2000	Acker	
DM		US- 6,018,710	01-01-2000	Wynblatt	
DM		US- 6,021,181	02-01-2000	Miner	
DM		US- 6,031,904	02-01-2000	An	

FOREIGN PATENT DOCUMENTS

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		Country Code* Number* Kind Code ² (if known)				

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Signature*[Signature]*Date
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DM		US- 4,713,837	12-15-1987	Gordon	
DM		US- 4,748,656	05-31-1988	Gibbs	
DM		US- 4,757,525	07-12-1988	Matthews	
DM		US- 4,761,807	08-02-1988	Matthews	
DM		US- 4,763,317	08-09-1988	Lehman	
DM		US- 4,769,719	09-06-1988	Endo	
DM		US- 4,776,016	10-04-1988	Hansen	
DM		US- 4,809,321	02-28-1989	Morganstein	
DM		US- 4,837,798	06-06-1989	Cohen	
DM		US- 4,847,891	07-11-1989	Kotani	
DM		US- 4,850,012	07-18-1989	Mehta	
DM		US- 4,866,758	09-12-1989	Heinzelmann	
DM		US- 4,873,719	10-10-1989	Reese	
DM		US- 4,893,333	01-09-1990	Baran	
DM		US- 4,905,273	02-27-1990	Gordon	
DM		US- 4,907,079	03-01-1990	Turner	
DM		US- 4,918,722	04-17-1990	Bushren	
DM		US- 4,922,518	05-01-1990	Gordon	
DM		US- 4,922,526	05-01-1990	Morganstein	

FOREIGN PATENT DOCUMENTS

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		Country Code ³ Number * Kind Code ² (if known)				
DM		WO 9609710	03-28-1996			
DM		WO 9823058	05-28-1998			

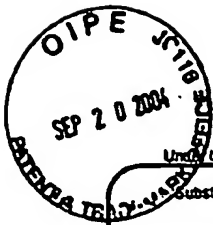
Examiner
Signature*James W. Zerk*Date
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PTO/SB/08A (08-03)

Approved for use through 07/31/2006, OMB 0631-0031

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First Named Inventor	Kurganov
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		Number-Kind Code ² (if known)			
JM		US- 3,728,486	04-17-1973	Kraus	
JM		US- 4,058,838	11-15-1997	Crager	
JM		US- 4,313,035	01/26/1982	Jordan	
JM		US- 4,327,251	04-27-1987/2	Fomenko	
JM		US- 4,340,783	07-20-1982	Sugiyama	
JM		US- 4,371,752	02-01-1983	Matthews	
JM		US- 4,500,751	02-19-1985	Darland	
JM		US- 4,513,390	04-23-1985	Walter	
JM		US- 4,523,055	06-11-1985	Hohl	
JM		US- 4,549,047	10-22-1985	Brian	
JM		US- 4,584,434	04-22-1986	Hashimoto	
JM		US- 4,585,906	04-29-1986	Matthews	
JM		US- 4,596,900	06-24-1986	Jackson	
JM		US- 4,596,900 B1	10-10-1995	Jackson	
JM		US- 4,596,900 B2	08-26-1997	Jackson	
JM		US- 4,602,129	07-32-1986	Matthews	
JM		US- 4,635,253	01-06-1987	Urui	
JM		US- 4,652,700	03-24-1987	Matthews	
JM		US- 4,696,028	09-22-1987	Morganstein	

FOREIGN PATENT DOCUMENTS

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		Country Code ⁴ Number ⁵ Kind Code ⁶ (if known)				
JM		GB 2211698	07-05-1989			
JM		GB 2240693	08-07-1991			
JM		JP 1-258526	10-16-1989			✓
JM		WO 9107838	05-30-1991			
JM		WO 9118466	11-28-1991			
JM		CA 1329852	05-24-94			

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Signature*James M. Finkel*Date
Considered

7-1-05

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JM		US- 4,933,966	06-12-1990	Hird	
JM		US- 4,935,955	06-19-1990	Neudorker	
JM		US- 4,935,958	06-19-1990	Morganstein	
JM		US- 4,941,170	07-10-1990	Herbst	
JM		US- 4,953,204	08-28-1990	Cuschleg Jr.	
JM		US- 4,955,047	09-04-1990	Morganstein	
JM		US- 4,956,835	09-11-1990	Grover	
JM		US- 4,967,288	10-30-1990	Mizutori	
JM		US- 4,972,462	11-20-1990	Shibata	
JM		US- 4,974,254	11-27-1990	Perine	
JM		US- 4,975,941	12-04-1990	Morganstein	
JM		US- 4,994,926	02-01-1991	Gordon	
JM		US- 5,003,575	03-26-1991	Chamberlin	
JM		US- 5,008,926	04-16-1991	Misholi	
JM		US- 5,020,095	05-28-1991	Morganstein	
JM		US- 5,207,384-502.7384	06-25-1991	Morganstein	
JM		US- 5,029,196	07-02-1991	Morganstein	
JM		US- 5,065,254	11-12-1991	Hishidi	
JM		US- 5,086,385	02-04-1991	Launey	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.†	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T*
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Examiner
Signature*James M. Juhl*Date
Considered

7-1-05

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DM		US- 5,566,236	10-15-1996	McLampby	
DM		US- 5,603,031	02-11-1997	White	
DM		US- 5,608,786	03-01-1997	Gordon	
DM		US- 5,610,970	03-01-1997	Fuller	
DM		US- 5,611,031	03-11-1997	Hertzfield	
DM		US- 5,652,789	07-29-1997	Miner	
DM		US- 5,659,597	08-01-1997	Bareis	
DM		US- 5,666,401	09-09-1997	Morganstein	
DM		US- 5,675,507	10-01-1997	Bobo II	
DM		US- 5,675,811	10-07-1997	Broedner	
DM		US- 5,689,669	11-18-1997	Lynch	
DM		US- 5,692,187	11-25-1997	Goldman	
DM		US- 5,719,921	02-01-1998	Vysotsky	
DM		US- 5,724,408	03-03-1998	Morganstein	
DM		US- 5,742,905	04-01-1998	Pepe	
DM		US- 5,752,191	05-01-1998	Fuller	
DM		US- 5,787,298	07-28-1998	Broedner	
DM		US- 5,793,993	08-11-1998	Broedner	
DM		US- 5,809,282	09-15-1998	Cooper	

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Signature*M. L. L.*Date
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